

Shaun Darragh - Software Engineer

Tokyo, Japan

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Github: [Ottotsuma](#)

Technical Skills

JavaScript, Ruby, Java, Elixir, React-native, React.js, Vue.js, PWA, Node.js, Express, MongoDB, TDD, Postgres, HTML, CSS, SaaS, Bootstrap, Latex/Overleaf, VBA

Projects

- **Munchify** 2020 September
Mobile 14 days
<https://play.google.com/store/apps/details?id=com.ottotsuma.restaurantnativeapp>
 - Engineered **RESTful** API server in **Node.js** and **Express**. Uses **Auth0** for authentication.
 - Crafted in **React-native** and uses **Redux** to deliver native experience.
 - Integrated **machine learning** and deployed on the **PlayStore**.
- **The Secret Box** 2020 August
OSS/PWA 4 days
<https://secretbox.netlify.app/>
 - Combined **MongoDB** and a **RESTful** API server in **Node.js** and **Express**.
 - Built and designed a single page front-end using **ReactJS**.
 - Continuously integrated and deployed software to **Heroku** and **Netlify**.
- **Recipes** 2020 January
Web 2 days
<https://ottotsumarecipes.netlify.app/>
 - Created using **ReactJS** and Edamam API service.
 - Deployed software to **Netlify**.
 - Chingu approved web application.

Work experience

- **Software Teacher** 2020 Nov - present
Code Chrysalis Tokyo, JPN
 - Teach foundations level code lessons.
 - HTML/CSS/Javascript/TDD.
- **QA specialist** 2019 Nov - present
Digital Hearts Tokyo, JPN
 - Read and write tests to test code.

- Proof read translations translate into native level English.
- Manage small teams of up to 4 people.

- **Tech Support** 2019 July - present
Planet Works Tokyo, JPN
 - Corresponded with English speaking customers in Japan to resolve hardware issues.
 - Achieved 100 percent positive customer response.
 - Adapted quickly to customer demand.
- **Teacher / Teaching Assistant** 2015 Sept - 2016 Sept and 2017 Jul - 2018 Jul
Wiltshire Department of Education Wilts, ENG
 - Created the Physics course after the new government changes to education in 2018.
 - Implemented personalised learning strategies in the Science department.
 - Taught over 3000 students with different backgrounds and disabilities.
- **Technical Sales Engineer** 2015 Feb - 2015 Sept
Simplex turbulo Wilts, ENG
 - Furthered relations with international customers.
 - Reverse-engineered blue prints for large shipping engines.
 - Streamlined spring inspection process.
- **Technical Assistant** 2014 Jul - 2015 Feb
Sarum-Hydraulics Wilts, ENG
 - Engineered a portable microscope that works with your smartphone.
 - Consulted with clients to understand their problems and develop solutions.
 - Coordinated with clients to avoid copyright infringement.

Education

- **Code Chrysalis** 2020 July - 2020 Sept
Coding Bootcamp Tokyo, JPN
- **ARC Tokyo Language School** 2018 Aug - 2019 Jan
Japanese Language Tokyo, JPN
- **Southampton University** 2016 Sept - 2017 July
BA Teaching (Science) Southampton, ENG
- **University of Portsmouth** 2011 Sept - 2014 Sept
BSc (Hons), Applied Physics (2:1) Portsmouth, ENG

Extra

- Languages: English(Native),Japanese(N4)
 - Visa: Spousal
 - I enjoy writing fantasy stories in my spare time, the current one is a Chinese fantasy novel style based around the mayan civilization.
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